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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/713,169	11/15/2000	YOSHIHIKO NITTA	SAS2-PTO42	3409
3624	7590	08/18/2004	EXAMINER	
VOLPE AND KOENIG, P.C. UNITED PLAZA, SUITE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103			MOORE, IAN N	
			ART UNIT	PAPER NUMBER
			2661	8

DATE MAILED: 08/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/713,169

Applicant(s)

NITTA ET AL.

Examiner

Ian N Moore

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 and 7-16 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-4 and 7-16 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Response to Amendment

1. This is in response to amendment filed on June 10, 2004 (paper # 7).
2. Claims 1 and 7 are amended, and new claims 8-16 are added.

Response to Arguments

3. Applicant's arguments with respect to claims amended claims 1-4, 7, and new claims 8-16 have been considered but are moot in view of the new ground(s) of rejection.

Regarding claims 1-4 and 7-15, the applicant argued that, Minoru'083 does not show or suggest the newly added limitations "...determining means for determining whether a telephone number and address presence/absence specifying information **are added to input data or not", "**and address acquisition for acquiring the Internet domain address from a database in which the telephone number and the Internet domain address are associated, in a case where the determination means determines that the telephone number and the presence/absence specifying information are added to the input data**" and**

"wherein the determination means effects the line connection for communication, in a case where the determination means determines that the address presence/absence specifying information is not added to the input data" in page 8, paragraph 4 to page 9, line 1.

In response to applicant's argument, Minoru'083 still teaches the **bold portion of the new limitations, and the new reference Goodspeed'828 teaches non-bold portions as set forth below in new ground of rejection.**

Regarding the bold portion of the new limitations, Minoru'083 discloses an Internet access system (see **FIG. 1**) comprising:

determining means (see **FIG. 1, server 13**) for determining whether a telephone number is added to input data or not (see **FIG. 5, step B11, server 13 determine if the telephone number from PC 11 is received; see paragraph 34**) and whether the Internet address for specifying the resource on the Internet is added to data or not (see **FIG. 5, step B14; see page 7, paragraph 36-37; the server determines whether a URL, on the Internet that associated with the entered/send telephone number, is added/inputted in the data table 41, or not**),

an address acquisition section (see **FIG. 1, a section between IP phone PC 1, PSTN 1, Server 13 and Internet 2 which performs address acquiring tasks; see FIG. 5, Steps A11-A13, PC1 requesting address**) for acquiring the Internet domain address (see **FIG. 1, UR, Uniform Resource Locator, (i.e. resource name) is requested from the server in order to identify URL information resource that maps/links/associates/corresponds with the telephone number; see page 5, paragraph 14**) from a database (see **FIG. 1, Server 13 which contains Table 41**) in which the telephone number and the Internet domain address are associated (see **FIG. 3, a Correspondence table 41; see page 6, paragraph 26-28; note that the server stores/maintains/databases the table that lists the telephone numbers and the URL**) in a case where the determination means determines that the telephone number is added to the input data and the Internet domain address is added/inputted to the data table (see **FIG. 5, steps B12 and B13, note that when server determines that the telephone number is received, it retrieves the associated URL from**

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the table 41, and URL address is added/listed in the table 41; see page 6, paragraph 33-35)

wherein the determination means effects line connection for communication in a case where determination means determines that the Internet address for specifying the resource on the Internet is not added to the data table (see FIG. 5, Step B11, B14, B15 and A17; see page 7, paragraph 35-39; note that when there is no URL associated with the telephone number in table 41, the line connected by using the telephone number (i.e. voice over IP)), and whether the Internet address for specifying the resource on the Internet is added to data or not (see FIG. 5, step B14; see page 7, paragraph 36-37; the server determines whether a URL, on the Internet that associated with the entered/send telephone number, is added/inputted in the data table 41, or not).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claim 16 is rejected under 35 U.S.C. 102(e) as being anticipated by Goodspeed'828 (U.S.2002/0065828A1).

Regarding Claim 16, Goodspeed'828 discloses a telephone Internet access system (see **FIG. 22, the communication network, where distributed network nodes are PC, laptop, PDA/PCD, phones, etc. and the network is Internet**) wherein a user (see **FIG. 22, the user of PC, laptop, PDA/PCD, phones, etc.**) access an Internet domain (see **FIG. 22, network Internet; see page 5, paragraph 61, 63**) by inputting both a telephone number associated with the Internet domain (see **FIG. 19, telephone number 410.555.1212 or 703-555-1212, or see FIG. 38A, telephone number 4108498989 of PDA unit or mobile unit; see page 5, paragraph 58-61; the user enters the telephone number with related to URL**), and

a character (see **FIG. 19, a unique character or symbol # or \$; FIG. 38A, +**) indicating that the telephone number associated with the Internet domain (see **FIG. 19, #410@555.1212 and FIG.38A, +4108498989; see page 19, paragraph 283-299; page 24, paragraph 350-351; and table 1; see page 5, paragraph 61-63; note that the URL or address associated unique number of characters (i.e. #, \$, *, and etc. per Table 1) is entered along with the phone number**); also see page 1-2, paragraph 9-17).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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5. Claims 1 and 9-15 rejected under 35 U.S.C. 103(a) as being unpatentable over Minoru'083 (Jap. 11-146083) in view of Goodspeed'828.

Regarding Claims 1 and 9, Minoru'083 discloses an Internet access system (see **FIG. 1**) comprising:

determining means (see **FIG. 1, server 13**) for determining whether a telephone number is added to input data or not (see **FIG. 5, step B11, server 13 determine if the telephone number from PC 11 is received; see paragraph 34**) and whether the Internet address for specifying the resource on the Internet is added to data or not (see **FIG. 5, step B14; see page 7, paragraph 36-37; the server determines whether a URL, on the Internet that associated with the entered/send telephone number, is added/inputted in the data table 41, or not**),

the telephone number and the address presence/absence specifying information indicates presence/absence of an Internet domain address for specifying presence/absence of an resource on the Internet (see **FIG. 3, a Correspondence table lists the telephone number and URL; see page 6, paragraph 26-28; note that a table 41 matches/identifies the telephone number which associates with the attendance/presence of URL information resource on the Internet**),

an address acquisition section (see **FIG. 1, a section between IP phone PC 1, PSTN 1, Server 13 and Internet 2 which performs address acquiring tasks; see FIG. 5, Steps A11-A13, PC1 requesting address**) for acquiring the Internet domain address (see **FIG. 1, UR, Uniform Resource Locator, (i.e. resource name) is requested from the server in order to identify URL information resource that maps/links/associates/corresponds**

with the telephone number; see page 5, paragraph 14) from a database (see FIG. 1, Server 13 which contains Table 41) in which the telephone number and the Internet domain address are associated (see FIG. 3, a Correspondence table 41; see page 6, paragraph 26-28; note that the server stores/maintains/databases the table that lists the telephone numbers and the URL) in a case where the determination means determines that the telephone number is added to the input data and the Internet domain address is added/inputted to the data table (see FIG. 5, steps B12 and B13, note that when server determines that the telephone number is received, it retrieves the associated URL from the table 41, and URL address is added/listed in the table 41; see page 6, paragraph 33-35)

an address sending section (see FIG. 5, Step B14, sending outputted URL) for sending the acquired Internet domain address (see page 7, paragraph 36-37, note that the retrieved URL from table 41 is send back to PC1));

wherein the determination means effects line connection for communication in a case where determination means determines that the Internet address for specifying the resource on the Internet is not added to the data table (see FIG. 5, Step B11, B14, B15 and A17; see page 7, paragraph 35-39; note that when there is no URL associated with the telephone number in table 41, the line connected by using the telephone number (i.e. voice over IP)).

Minoru'083 does not explicitly disclose a telephone number and address presence/absence specifying information are added to input data.

However, the above-mentioned claimed limitations are taught by Goodspeed'828. In particular, Goodspeed'828 teaches a telephone number (see **Goodspeed'828 FIG. 19, telephone number 410.555.1212 or 703-555-1212, or see FIG. 38A, telephone number 4108498989 of PDA unit or mobile unit; see page 5, paragraph 58-61; the user enters the telephone number in any Internet browser, e-mail address filed, DTMF or voice command on the phone**) and address presence/absence specifying information (see **Goodspeed'828 FIG. 19, # or \$; FIG. 38A, +**) are added to input data (see **Goodspeed'828 FIG. 19, #410@555.1212 and FIG.38A, +4108498989; see page 19, paragraph 283-299; page 24, paragraph 350-351; and table 1; see page 5, paragraph 61-63; note that the URL or address associated unique number of characters (i.e. #, \$, *, and etc. per Table 1) is entered along with the phone number**); also see page 1-2, paragraph 9-17;

the address present/absence specifying information indicating presence/absence of an Internet domain address (see **page 19, paragraph 19-20; note that the characters/symbols listed in table 1 indicates the present of an URL address**).

Note that Minoru'083 teaches entering only telephone number and the server associated the entered telephone number with URL, if URL is present in the table 41, and sends URL back to PC 11. Minoru'083 also teaches that the Internet domain address for specifying presence/absence resource on the Internet. Goodspeed'828 teaches sending telephone number and unique character in order to communicate with other party (via e-mail) or access the web site (via Internet). Thus, Minoru'083's system can utilize Goodspeed'828's mechanism by inputting telephone number and unique character, which represents the address, present information. Minoru'083's URL and telephone number can be modified with

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Goodspeed'828's a unique character which represents the address present information (i.e. address being URL), and determining based upon whether both address present/absent information character and telephone number are entered/added or not.

In view of this, having the system of Minoru'083 and then given the teaching of Goodspeed'828, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Minoru'083, for the purpose of providing a mechanism of sending telephone number with the unique character which represent the address information, as taught by Goodspeed'828 since Goodspeed'828 states at page 1, paragraph 8-9 and paragraph 5, paragraph 63 that it would save time, and the user no longer need to remember an abstract names such as URL or e-mail address. The motivation being that by sending the symbol or character with represent a particular abstract address along with the telephone number, it will save time for the user and less burden of remembering the abstracts names.

Regarding claim 10, Minoru'083 discloses a system (see FIG. 1) comprising:

a database (see FIG. 1, Server 13 which contains Table 41) associating a telephone number with a related Internet domain associated with the telephone number (see FIG. 3, a Correspondence table 41; see page 6, paragraph 26-28; note that the server stores/maintains/databases the table that lists the telephone numbers and the URL);

identification information which contains the telephone number (see FIG. 5, A11-A13; entering telephone number and see FIG. 3, Table 41 contains telephone numbers) and determining whether the telephone is associated with the related Internet domain the

database (see **FIG. 5, steps B12 and B13**, note that when server determines that the telephone number is received, it retrieves the associated URL from the table 41, and URL address is added/listed in the table 41; see page 6, paragraph 33-35);

a user interface (see **FIG. 1, user of PC 1**) that allows a user to access the identification information and Internet domains (see page 6, paragraph 31-33; **PC11 access the both telephone number and URL**),

wherein if the a telephone number is associated with a related Internet domain, the user can access the Internet domain related to the telephone number (see **FIG. 5, steps B12 and B13**, note that when server determines that the telephone number is received, it retrieves the associated URL from the table 41; see page 6, paragraph 33-35; see **FIG. 5, Step B14, sending outputted URL. The retrieved URL from table 41 is send back to PC1 so that PC 1 can access**; see page 7, paragraph 36-37).

Minoru'083 does not explicitly disclose identification information that combines the telephone number with and indicator; allows a user to access the identification information; wherein if the identification information indicates that a telephone number is associated with a related Internet domain, the user can input the identification information.

However, the above-mentioned claimed limitations are taught by Goodspeed'828. In particular, Goodspeed'828 teaches identification information (see **Goodspeed'828 FIG. 19, #410@555.1212 and FIG.38A, +4108498989**; see page 19, paragraph 283-299; page 24, paragraph 350-351) that combines the telephone number (see **Goodspeed'828 FIG. 19, telephone number 410.555.1212 or 703-555-1212, or see FIG. 38A, telephone number 4108498989 of PDA unit or mobile unit**; see page 5, paragraph 58-61; the user enters

the telephone number in any Internet browser, e-mail address filed, DTMF or voice command on the phone) with and indicator (**see Goodspeed'828 FIG. 19, unique character or symbol # or \$; FIG. 38A, +)** that indicates whether the telephone is associated with the related Internet domain the database (**see page 5, paragraph 61-63; note that the URL or address associated unique number of characters (i.e. #, \$, *, and etc. per Table 1) is entered along with the phone number); also see page 1-2, paragraph 9-17;**

a user interface (**see FIG. 19, email or browser interface; see page 19, paragraph 283-299)** that allows a user to access the identification information (**see Goodspeed'828 FIG. 19, #410@555.1212 and FIG.38A, +4108498989)** and Internet domains (URL);

the user can input the identification information (**see Goodspeed'828 FIG. 19, #410@555.1212 and FIG.38A, +4108498989)** to access the Internet domain (URL) related to the telephone number (**see Goodspeed'828 FIG. 19, telephone number 410.555.1212 or 703-555-1212, or see FIG. 38A, telephone number 4108498989 of PDA unit or mobile unit).**

Note that Minoru'083 teaches entering only telephone number and the server associated the entered telephone number with URL, if URL is present in the table 41, and sends URL back to PC 11. Goodspeed'828 teaches sending telephone number and unique character in order to communicate with other party (via e-mail) or access the web site (via Internet). Thus, Minoru'083's system can utilize Goodspeed'828's mechanism by inputting telephone number and unique character, which represents the address, present information. Minoru'083's URL and telephone number can be modified with Goodspeed'828's a unique character which represents the address present information (i.e. address being URL), and

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determining based upon whether both address present/absent information character and telephone number are entered/added or not.

In view of this, having the system of Minoru'083 and then given the teaching of Goodspeed'828, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Minoru'083, for the purpose of providing a mechanism of sending telephone number with the unique character which represent the address information, as taught by Goodspeed'828 since Goodspeed'828 states at page 1, paragraph 8-9 and paragraph 5, paragraph 63 that it would save time, and the user no longer need to remember an abstract names such as URL or e-mail address. The motivation being that by sending the symbol or character with represent a particular abstract address along with the telephone number, it will save time for the user and less burden of remembering the abstracts names.

Regarding claim 11, Goodspeed'828 discloses wherein the indicator is # or +. Goodspeed'828 also suggests the use of asterisk “*” as part of acceptable character (see page 24, paragraph 350-351). Utilizing character asterisk “*” that is available on the telephone or key board does not define a patentable distinct invention over that in the combined system of Minoru'083 and Goodspeed'828 since both the invention as a whole and the combined system of Minoru'083 and Goodspeed'828 are directed to enabling the user not to enter abstract URL address from the user interface so as to ease the burden on the user. The degree in which utilizing different character presents no new or unexpected results, so long as the burden on the user is reduced, the URL is labeled in a successful way. Therefore, to have character “*”

label that reduce burden on the user would have been routine experimentation and optimization in the absence of criticality.

In view of this, having the system of Minoru'083 and then given the teaching of Goodspeed'828, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Minoru'083 as taught by Goodspeed'828, for the same purpose and motivation as stated above in claim 10.

Regarding claim 12, Goodspeed'828 discloses wherein the user interface is a portable (see **FIG. 22**, the user of **cell phone or PDA/PCD**) having Internet access (see **FIG. 22, network Internet; see page 5, paragraph 61, 63**).

In view of this, having the system of Minoru'083 and then given the teaching of Goodspeed'828, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Minoru'083 as taught by Goodspeed'828, for the same purpose and motivation as stated above in claim 10.

Regarding claim 13, Minoru'083 discloses wherein the user access an Internet domain associated with a known telephone number to the known telephone number into the telephone as described above in claim 10.

Goodspeed'828 discloses wherein the user access an Internet domain associated with a known telephone number (see **FIG. 19, telephone number 410.555.1212 or 703-555-1212, or see FIG. 38A, telephone number 4108498989 of PDA unit or cell phone**) by inputting known identification (see **Goodspeed'828 FIG. 19, unique character or symbol #**

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or \$; **FIG. 38A**, +) corresponding to the known telephone number (see **page 5, paragraph 61-63**; note that the unique characters (i.e. #, \$, *, and etc. per Table 1) is entered along with the phone number); also see page 1-2, paragraph 9-17) into the telephone (see **FIG. 19, #410@555.1212 and FIG.38A, +4108498989**; see **page 19, paragraph 283-299**; **page 24, paragraph 350-351**; note that character is entered along with the number into the cell phone).

In view of this, having the system of Minoru'083 and then given the teaching of Goodspeed'828, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Minoru'083 as taught by Goodspeed'828, for the same purpose and motivation as stated above in claim 10.

Regarding claim 14, Goodspeed'828 discloses wherein known identification is the known phone number and an indicator as described above in claim 10 and 12.

Moreover Goodspeed'828 discloses wherein the indicator is # or +. Goodspeed'828 also suggests the use of asterisk "*" as part of acceptable character (see page 24, paragraph 350-351). Utilizing character asterisk "*" that is available on the telephone or key board does not define a patentable distinct invention over that in the combined system of Minoru'083 and Goodspeed'828 since both the invention as a whole and the combined system of Minoru'083 and Goodspeed'828 are directed to enabling the user not to enter abstract URL address from the user interface so as to ease the burden on the user. The degree in which utilizing different character presents no new or unexpected results, so long as the burden on the user is reduced, the URL is labeled in a successful way. Therefore, to have character "*"

label that reduce burden on the user would have been routine experimentation and optimization in the absence of criticality. Goodspeed'828 does not explicitly disclose telephone number followed by an asterisk. Entering character asterisk "*" follow by the telephone does not define a patentable distinct invention over that in the combined system of Minoru'083 and Goodspeed'828 since both the invention as a whole and the combined system of Minoru'083 and Goodspeed'828 are directed to enabling the user not to enter abstract URL address from the user interface so as to ease the burden on the user. The degree in which entering sequence presents no new or unexpected results, so long as the burden on the user is reduced, the URL is labeled in a successful way. Therefore, to enter character "*" follow by the number would have been routine experimentation and optimization in the absence of criticality.

In view of this, having the system of Minoru'083 and then given the teaching of Goodspeed'828, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Minoru'083 as taught by Goodspeed'828, for the same purpose and motivation as stated above in claim 10.

Regarding claim 15, the combined system of Minoru'083 and Goodspeed'828 discloses the identification information as described above in claim 10. Minoru'083 discloses wherein if the identification information does not indicated that a telephone number is associated with a related Internet domain, the user can input the identification information to place a telephone call to telephone number (see FIG. 5, Step B11, B14, B15 and A17; see page 7, paragraph 35-39; note that when there is no URL associated with the telephone

number in table 41, the user is notified, and the line connected by using the telephone number (i.e. voice over IP)).

In view of this, having the system of Minoru'083 and then given the teaching of Goodspeed'828, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Minoru'083 as taught by Goodspeed'828, for the same purpose and motivation as stated above in claim 10.

1. Claims 2-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Minoru'083 in view of Hatano (U.S. 2003/0088637).

Regarding claim 2, Minoru'083 discloses a data base contains the telephone number and the resource name, and the data base is coupled to the Internet as described above in claim 1 and FIG. 1.

Minoru'083 does not explicitly disclose wherein a search section for searching resources connected to the Internet, thereby producing correspondence data between the telephone number and the resource name.

However, the above-mentioned claimed limitations are taught by Hatano'637. In particular, Hatano'637 teaches wherein said a database (see FIG. 1, URL search supporting server 12 comprising URL list data table) is generated by a search section for searching resources connected to the Internet (see FIG. 1, URL search supporting server 12 accesses and searches the facility information (i.e. resources) that connects to the Internet 5, and URL list data table is generated/updated; see page 1 paragraph 24-25 and page 3, paragraph 52-53) thereby producing correspondence data (see FIG. 8, Name of Facility) between the telephone

number (see FIG. 8, Telephone number) and the resource name (see FIG. 8, Homepage URL; page 3, paragraph 52; note that after searching/accessing the facility information that couple to the Internet, the updated facility name/attribute is produced/generated between the telephone number and URL for that facility).

In view of this, having the system of Minoru'083 and then given the teaching of Hatano'637, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Minoru'083, by providing a server with the searching mechanism in order to produce/generate/update the facility information which relates between the telephone number and URL, as taught by Hatano'637. The motivation to combine is to obtain the advantages/benefits taught by Hatano'637 since Hatano'637 states at page. 1, paragraph 7-8 that such modification would provide an information retrieval system by which desired information can be retrieved/searched with an easy option since the search "supporting" server is utilized.

Regarding claim 3, Minoru'083 discloses a data base contains the telephone number and the resource name, and the data base is coupled to the Internet as described above claim 1 and FIG. 1.

Minoru'083 does not explicitly disclose by searching resources connected to the Internet and finding, on the basis of the telephone number and attribute information associated with the telephone number, the resource name associated with the attribute information.

However, the above-mentioned claimed limitations are taught by Hatano'637. In particular, Hatano'637 teaches wherein said database (see FIG. 1, URL search supporting server 12 comprising URL list data table) is generated by searching resources connected to the Internet (see FIG. 1, URL search supporting server 12 accesses and searches the facility information (i.e. resources) that connects to the Internet 5, and URL list data table is generated/updated; see page 1 paragraph 24-25; and page 3, paragraph 52-53) and finding, on the basis of the telephone number (see FIG. 8, Telephone number) and attribute information associated with the telephone number (see FIG. 8, Name of Facility and its corresponded /associated the phone number), the resource name (see FIG. 8, Homepage URL) associated with the attribute information (see page 3, paragraph 52; note that home page URL must correspond/associate with the facility name/attribute/information).

In view of this, having the system of Minoru'083 and then given the teaching of Hatano'637, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Minoru'083, by providing a server with the searching mechanism in order to find/generate/update URL according to the facility name and its corresponding/associating telephone number, as taught by Hatano'637. The motivation to combine is to obtain the advantages/benefits taught by Hatano'637 since Hatano'637 states at page. 1, paragraph 7-8 that such modification would provide an information retrieval system by which desired information can be retrieved/searched with an easy option since the search "supporting" server is utilized.

Regarding claim 4, Minoru'083 discloses a data base contains the telephone number and the resource name, and the data base is coupled to the Internet as described above claim 1 and FIG. 1.

Minoru'083 does not explicitly disclose by searching resources connected to the Internet and finding, on the basis of the resource name and attribute information associated with the resource name, the telephone number associated with the attribute information.

However, the above-mentioned claimed limitations are taught by Hatano'637. In particular, Hatano'637 teaches wherein said database (see FIG. 1, URL search supporting server 12 comprising URL list data table) is generated by searching resources connected to the Internet (see FIG. 1, URL search supporting server 12 accesses and searches the facility information (i.e. resources) that connects to the Internet 5, and URL list data table is generated/updated; see page 1 paragraph 24-25 and page 3, paragraph 52-53) and finding, on the basis of the resource name (see FIG. 8, Homepage URL) and attribute information associated with the resource name (see FIG. 8, the name of the facility; note that the facility name/attribute its corresponded/associated home page URL), the telephone number (see FIG. 8, Telephone number) associated with the attribute information (see page 3, paragraph 47-55; note that the telephone number must correspond/associate with the facility name/attribute; also see page 4, paragraph 59-63).

In view of this, having the system of Minoru'083 and then given the teaching of Hatano'637, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Enzmann'242, by providing a server with the searching mechanism in order to find/generate/update the telephone number according to the

facility name and its corresponding/associating URL number, as taught by Hatano'637. The motivation to combine is to obtain the advantages/benefits taught by Hatano'637 since Hatano'637 states at page. 1, paragraph 7-8 that such modification would provide an information retrieval system by which desired information can be retrieved/searched with an easy option since the search "supporting" server is utilized.

2. Claims 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Enzmann (U.S. 6,687,242) in view of Goodspeed'828.

Regarding Claim 7, Enzmann'242 discloses a telephone directory (see FIG. 2a-b, a hand set which caller ID display, thus it is clear that the handset must contain a telephone directory in order to identify the telephone number; see col. 1, lines 30-56) comprising:

a telephone number display section (see FIG. 2a-b, Display 215) for associatively displaying a telephone number and discrimination information for discriminating whether there is a URL address associated with the telephone number (see col. 4, lines 1-22; **note the display 215 displays the telephone number which associates/links to a URL address with an asterisk "*" at the end of the telephone number (i.e. 555-555-5555*) in order to differentiate/discriminate with the conventional display of a phone number (i.e. 555-555-5555);**

the discrimination information indicating that the URL address associated with the telephone number can be accessed by inputting number (see col. 5, lines 1-6; **button or soft key**) into a user interface (see FIG. 3a, step 309 and 311; **an asterisk "*" indicates that the**

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URL associated with the telephone number can be accessed by pressing button or soft key on handset).

Enzmann'242 does not explicitly disclose inputting the telephone number.

However, the above-mentioned claimed limitations are taught by Goodspeed'828. In particular, the discrimination information (see **Goodspeed'828 FIG. 19, unique character or symbol, # or \$; FIG. 38A, +**) indicating that the URL address associated with the telephone number can be accessed (see **page 5, paragraph 61-63; note that the URL or address associated unique number of characters (i.e. #, \$, *, and etc. per Table 1) associated with the telephone number**) by inputting the telephone number into a user interface (see **Goodspeed'828 FIG. 19, telephone number 410.555.1212 or 703-555-1212, or see FIG. 38A, telephone number 4108498989 of PDA unit or mobile unit; see page 5, paragraph 58-61; the user enters the telephone number in any Internet browser, e-mail address filed, DTMF or voice command on the phone in order to access the URL**); also see page 1-2, paragraph 9-17;

In view of this, having the system of Enzmann'242 and then given the teaching of Goodspeed'828, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Enzmann'242, for the purpose of providing a mechanism of sending telephone number with the unique character which represent the address information, as taught by Goodspeed'828 since Goodspeed'828 states at page 1, paragraph 8-9 and paragraph 5, paragraph 63 that it would save time, and the user no longer need to remember an abstract names such as URL or e-mail address. The motivation being that by sending the symbol or character with represent a particular abstract address along

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with the telephone number, it will save time for the user and less burden of remembering the abstracts names.

Regarding Claim 8, Enzmann'242 discloses the additional character (see col. 4, lines 1-22; an asterisk “*” at the end of the telephone number (i.e. 555-555-5555*)) in addition to the telephone number to access the URL via the user interface as described above.

Goodspeed'828 discloses wherein the user interface requires that an additional character be input into the interface in addition to the telephone number to access the URL via the user interface (see **Goodspeed'828 FIG. 19, #410@555.1212 and FIG.38A, +4108498989**; see page 19, paragraph 283-299; page 24, paragraph 350-351; and table 1; see **page 5, paragraph 61-63**; note that the an additional URL or address associated unique number of characters (i.e. #, \$, *, and etc. per Table 1) is entered along with the phone number to access the URL).

In view of this, having the system of Enzmann'242 and then given the teaching of Goodspeed'828, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system of Enzmann'242 as taught by Goodspeed'828, for the same purpose and motivation as described above in claim 7.

Notes/Remarks

6. Objections to the claims 1 and 5 are withdrawn since claim 1 is being amended and claim 5 is cancelled.

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Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.


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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ian N Moore whose telephone number is 703-605-1531. The examiner can normally be reached on M-F: 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ken Vanderpuye can be reached on 703-308-7828. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

INM
8/10/04



KENNETH VANDERPUYE
PRIMARY EXAMINER